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BOROUGH OF DEAL

PUBLIC HEALTH DEPARTMENT

ANNUAL REPORT OF

THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1964.

LONDON SCHOOL OF HYGIENE LIBRARY 12 FEB 1968 TROPICAL MEDICINE

BOROUGH OF DEAL.

PUBLIC HEALTH COMMITTEE.

(To 1st. June 1964)

CHAIRMAN

Councillor J. B. Shelley.

VICE CHAIRMAN
Councillor J.W. Groombridge

MEMBERS.

is Worship The Mayor. Alderman Norman Upton Cavell, J.P.

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ouncillor L.H. Clarke	Councillor S. Hinchcliffe
ouncillor Major G.B.W. Lucas	Councillor (Mrs) I.A. May
ouncillor G.E. Ratcliffe	Councillor Major C. Thierens.

Councillor T. Watford.

(From 1st. June 1964)

CHAIRMAN

Councillor J.B. Shelley

VICE CHAIRMAN

Councillor T. Watford

MEMBERS

is Worship The Mayor Alderman Charles William Stanley Seed, C.B.E., C.C. J.P.

ouncillor L.H. Clarke	Councillor M.H. Clarke
ouncillor B. Golding	Councillor J.W. Groombridge
ouncillor (Mrs.) I.A. May	Councillor D. Millar
ouncillor G.E. Ratcliffe	Councillor C.C. Sherwin

Councillor M.J. Stevenson

STAFF

edical Officer of Health	Dr. C.F. Lynch, M.B., B. Ch., B.A.O., D.P.H.
eputy Medical Officer of Health	Dr. J.A. Byrne, M.B., B. Ch., B.A.O., D.P.H., D.T.M & H.
enior Public Health Inspector	W. Green, M.A.P.H.I.,
dditional Public Health Inspectors	S.W. Swift, Cert. S.I.B.
	J. Malcolm (appointed 3.8.64. Resigned with effect 30.10.64)
tudent Public Health Inspector	R. J. Money
lerk/Typist	Miss J. Deller.

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To: The Mayor, Aldermen and Councillors of the Borough of Deal:

Ladies and Gentlemen,

I have the honour to present my Annual Report on the Health and Sanitary conditions of the Borough for the year 1964.

The Report is prepared in accordance with Ministry of Health instructions and in the usual form and sequence followed in previous years.

The Registrar-General's estimated mid-year population was 25,740 which is an increase of 500 on the figure for the previous year. The health of the community as reflected in the Vital Statistics continued to be generally satisfactory although an unusual rise in the infant mortality rate has to be recorded. There were 11 deaths of children under 1 year old giving a mortality rate of 24.7 per 1,000 live births compared with 14.8 in 1963 and 20 for England and Wales as a whole.

There were no maternal deaths during the year.

The Death Rate generally when corrected by the Registrar- General's comparability factor was 10.8 per 1,000 of the population compared with 11.7 in the previous year and 11.3 for England and Wales.

The Birth Rate which has shown a small, but progressive, rise in recent years was 19.5 per 1,000 of the population while the rate for England and Wales was 18.4

Infectious Disease notifications were greatly reduced in number during the year, due not only to the decline of measles and dysentery, but also to a lower incidence of other infections as well. The position with regard to Tuberculosis was also satisfactory, the reduction in the number of new cases being maintained.

The sanitary circumstances of the Borough, food hygiene and the added commitments of the Offices, Shops and Railway Premises Act all received close attention and details of the work incurred are included in the appropriate sections of the Report.

Work in connection with the Town's new drainage scheme continued during the year while considerable progress was made in the provision of much needed additional housing accommodation.

I have to thank the Chairman and members of the Public Health Committee for their interest and support in the Department's work.

I am also indebted to other Departments of the Corporation for their co-operation and to the Senior Public Health Inspector for his assistance in the compilation of this Report.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen

Your obedient servant

Medical Officer of Health.

6th. August. 1965.

SECTION A - VITAL STATISTICS & SOCIAL CONDITIONS.

Area	2,917 acres
Population estimated mid-1964	25,740
Population 1961 census	24,815
Estimated Produce of Penny Rate 1964/65 ..	£2,920

Unemployment:

I am greatly indebted to the Manager of the Employment Exchange for the following comment on local unemployment statistics for 1964:

The number registered as unemployed in Deal at the end of 1964 were:

Men:	Women:	Total:
253	60	313

A noticeable feature concerning married women is that in most cases they stipulate hours of work which will enable them to give children meals and for the meeting or taking of children from school. In most cases employers will arrange hours to suit the employee.

More men are now taking work outside the Deal area and this, in my opinion, is due to transport sharing now indulged in by workers who own cars and this makes them independant of Public Transport and enables them to work overtime and/or shift work.

The principal industry in the area is, of course, coal mining, but large numbers of workers, especially women, travel daily by assisted transport to Richborough and work on the industrial estate there. Few, if any, Commonwealth Citizens work in the area.

VITAL STATISTICS:

(Compared with Statistics for Years 1962 & 1963)

The following statistics and those of Tables I and II are compiled from the available local information.

(All rates shown for 1964 are calculated on the Registrar General's estimated mid-year population of 25,740).

Registered Live Births (Corrected for Inward and Outward Transfers):

		1962:	1963:	1964:
		424	405	445
Legitimate	Male 223		Female 191 =	414
Illegitimate	Male 14		Female 17 =	31

Live Births Rate (per 1,000 of estimated population)

(Comparability factor 1.13)

	1962:	1963:	1964:
Crude	16.62	16.05	17.29
Adjusted	17.62	18.14	19.54

Legitimate live births per 1,000 estimated population - 16.08

Illegitimate live births per 1,000 of estimated population 1.21

(these are unadjusted figures)

Stillbirths:	1962:	1963:	1964:
	9	3	13
Stillbirth Rate (per 1,000 live and still births):	20.79	7.35	28.38

Registered Deaths (Corrected for Inward and Outward transfers):

The figures relating to deaths used in the tables in this report are those compiled locally adjusted for inward and outward transfers. The number of deaths registered during 1964 totalled 290, outward transfers 36 and inward transfers 70, giving a net allocation of 324 a deficiency of 2 on the Registrar General's figure. The classification of these deaths is obtained from the information submitted by the local Registrar in his weekly returns and differs, though very insignificantly, with the classifications of the Registrar General, who, as explained in previous reports, is supplied in the case of some deaths with certain additional particulars as to cause, which are not available in the returns made locally.

	1962:	1963:	1964:
	365	344	324 - males 151 females 173
Death Rate (Per 1,000 estimated population): Comparability factor - 0.86)			
Crude	14.31	13.63	12.59
Adjusted	13.88	11.72	10.83

Death Rate of Infants under 1 year of age:

	1962:	1963:	1964:
All infants per 1,000 live births	18.87	14.81	24.72
Infant Deaths - number	8	6	11

Specially Recorded Deaths:

	1962:	1963:	1964:
Death from Cancer (all ages)	75	53	54
Deaths from Measles (all ages)	-	-	-
Deaths from Whooping Cough (all ages)	-	-	-
Death from Diarrhoea (under 2 years)	-	1	1

TABLE II

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY FROM TUBERCULOSIS, CANCER AND MATERNAL CAUSES, AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1964 COMPARED WITH FIGURES (PROVISIONALLY BASED ON QUARTERLY RETURNS) FOR ENGLAND AND WALES.

	DEAL	ENGLAND AND WALES
BIRTHS:	Rates per 1,000 population	
Live Births	19.54 (b)	18.4
Still Births	0.505	0.304
	28.38 (a)	16.3 (a)
DEATHS:		
All Causes	10.83 (b)	11.3
Tuberculosis (I) Respiratory	0.077	0.047
(II) Other	0.039	0.006
Cancer (I) Lungs & Bronchus	0.622	0.535
(II) Other	1.476	1.674
	Rates per 1,000 related to Live Births	
All causes under 1 year of age	25	20
	Notification Rates per 1,000 Home Population	
NOTIFICATIONS (Corrected):		
Scarlet Fever	0.155	0.425
Diphtheria	-	0.000
Typhoid Fever	-	0.002
Paratyphoid Fever	-	0.005
Acute Pneumonia	0.155	0.195
Dysentery	0.155	0.425
Poliomyelitis (I) Paralytic	-	0.001
(II) Non-paralytic	-	0.000
Food Poisoning	-	0.114
Tuberculosis (I) Respiratory	0.194	0.316
(II) Meninges & C.N.S.	0.039	0.003
(III) Other	0.155	0.051
Meningococcal Infection	-	0.011
Whooping Cough	0.622	0.667
Measles	0.816	6.470
Erysipelas	0.039	0.036
Smallpox	-	-
	Rates per 1,000 Total Related (Live and Still) Births	
Puerperal Pyrexia	-	6.786
MATERNAL MORTALITY	-	0.25

(a) Rates per 1,000 total live and still births
(b) Adjusted for Comparative purposes
(c) A "-" signifies no cases

CAUSES OF DEATH, BY AGE GROUPS, IN THE BOROUGH OF DEAL DURING 1964

(Statistics from available local information)

CAUSE OF DEATH	Under 1		1 year		2 - 4		5 - 14		15 - 24		25 - 44		45 - 64		65 - 74		75 & Over		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Tuberculosis, Respiratory	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	-
Tuberculosis, other	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Syphilitic Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
Other infective and Parasitic Diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Maligant Neoplasm, Stomach	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	4	-
Maligant Neoplasm, lung and bronchus	-	-	-	-	-	-	-	-	-	-	-	-	2	2	6	2	4	-	12	4
Malignant Neoplasm, breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	3
Malignant Neoplasm, uterus	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Other Malignant and Lymphatic Neoplasms	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	10	4	18	12
Diabetes	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	3	1	5
Vascular Lesions of Nervous System	-	-	-	-	-	-	-	-	-	-	-	-	3	3	6	8	10	17	19	28
Coronary Disease, Angina	-	-	-	-	-	-	-	-	-	-	1	-	8	3	18	8	7	21	34	32
Hypertension with Heart Disease	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	2	1	4
Other Heart Disease	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	4	15	6	16
Other Circulatory Diseases	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3	3	6	18	12	21
Pneumonia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	4	7	5	8
Bronchitis	-	1	-	-	-	-	-	-	-	-	-	-	3	2	1	4	4	3	8	10
Ulcer of the stomach and duodenum	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	1
Gastritis, Enteritis and Diarrhoea	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
Nephritis and Nephrosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Congenital Malformations	3	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-	5	1
Other Defined and Ill-defined Diseases	5	1	-	-	-	-	-	-	-	1	-	2	1	3	2	2	5	7	13	16
Motor Vehicle Accidents	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2	-
All other Accidents	-	-	-	-	-	-	-	-	3	1	2	-	-	-	-	1	1	-	6	2
Suicide	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	4
Homicide and Operations of War	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
	8	3	-	-	1	-	-	-	5	2	4	3	30	24	46	38	57	103	151	173

SECTION B - GENERAL PROVISION OF HEALTH SERVICES

The figures quoted in relation to the services administered by the Kent County Council are included by courtesy of the County Medical Officer.

1. Laboratory Facilities:

Facilities for the bacteriological, biological and biochemical examination of specimens are available at the Public Health Laboratory, Preston Hall, British Legion Village, Maidstone and I am indebted to Dr. A.L. Furniss, Director for the services rendered during this year.

2. Ambulance Service:

The following are the details of the service provided by the Deal Station during 1964:-

Total Number of patients	19,138 (22,058)
Total Number of Journeys	4,678 (4,862)
Total mileage	108,410 (103,780)

(1963 figures are in brackets)

3. Midwifery and Home Nursing Service:

These services are administered by the County Medical Officer and the following figures are in regard to the year's work:-

(a) County Midwifery Service:

Number of Midwives 5
Number of births attended 166

(b) County Home Nursing Service:

Number of Home Nurses 4
Number of patients attended 315
Number of attendances 10,513
(including casual visits)

4. Hospital Facilities:

The Victoria Hospital, Deal, under the administration of the South East Kent Metropolitan Regional Hospital Board, makes provision for medical and surgical cases, while maternity and infectious cases (excepting smallpox) are provided for at Buckland Hospital and the Infectious Diseases Hospital Dover, respectively. Any smallpox cases would be referred to the River Hospital, (Long Reach), Dartford, Kent.

5. Nursing Home Registrations - Public Health Act, 1936:

The registration of Nursing Homes within the Borough is the responsibility of the County Authority; there are six Nursing Homes in Deal.

6. Clinics and Welfare:

The Kent County Council, as the local Health and Education Authority, have the responsibility for the provision of maternity and child welfare clinics, immunisation and vaccination sessions, also school clinics for minor ailments, dental and ophthalmic services, child guidance and speech therapy.

Out-patient clinics in all specialities are provided by the Regional Hospital Board at the Victoria Hospital, Deal.

7. Swimming Pools: (Kent Education Authority):

Walmer Secondary School:

This pool is restricted to use by school children. It is an open air pool of 60, 000 gallons with continuous chlorination and filtration plant with a capacity of 7,500 gallons per hour. An inlet dose of 0.5 p.p.m.

chlorine is maintained and algae is controlled by an algicide. Colorimetric tests are taken regularly. A heating plant has now been installed.

Paddling Pool, Walmer Green: (Deal Borough Council):

This is a public pool restricted to use by children. It is an open air pool of 10,000 gallons capacity with a continuous chlorination and filtration plant giving a two hourly turn over period. Algae is controlled by an algicide. Colorimetric tests are taken regularly to ensure maintenance of residual chlorine The efficiency of the plant is reduced by excessive grass clippings and this problem, though reduced by the enlarged paved surround is still to be fully overcome.

Other Pools:

One private boarding school operates a fill and empty pool which it is anticipated will, in due course, be provided with a purification plant.

Sampling:

Bacteriological samples are taken to check the efficiency of the chlorination process.

8. National Assistance Acts: Persons in need of Care and Attention:

Action was necessary during the year for the removal under emergency powers of a 77 year old man, living alone and suffering from neglect, severe malnutrition and grave chronic disease; he was removed to Hothfield Hospital where he died two weeks after admission.

Investigation and supervision were required in several other cases reported to the Department by various agencies.

127 visits and re-visits were made in connection with elderly people and, in addition, much time and effort devoted to their problems. The present system of domiciliary care is dependent upon many voluntary agencies but there is scope for the employment of full time officers in this work on behalf of the Statutory Authority.

9. National Assistance Act, 1948: Section 50:

Two burials were arranged under Section 50 of the Act.

These burials normally fall to the Local Authority in cases where no relative, or other responsible person is available to make arrangements and the cost is often recovered from the estate.

On the other hand there are cases where straightforward inability to meet the cost of burial is the reason the Council has to act.

10. Local Government Superannuation Acts: Medical Examinations:

Medical examinations for superannuation purposes etc., are undertaken by the Medical Officer of Health and during 1964 such examinations were carried out as follows:-

Department:	Examination:
Town Clerk's	5
Borough Surveyor's	6
Borough Treasurer's	1
Housing	2
Health	1
Entertainment's	1
Other Authorities	3
Retirement on medical grounds	2

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA

Supply:

ll but sixteen of the dwelling houses in the Borough are supplied direct ains water, either from the Corporation undertaking or the Mid Kent Water y, the latter supplying Great Mongeham.

There are no standpipes in use in the Borough.

(a) Main Supplies: I am indebted to the Borough Water Engineer for the wing figures relating to the Corporation undertaking:-

Water consumption for the year ended 31st. December:-

1964	383,970,000 gallons
Daily average	1,049,098 gallons.

Consumption per head per day, for all purposes, based on estimated mid-population 25,740 - 40.76 gallons.

Neither water undertaking has carried out any major developments in distrib- etc., in the area of the Borough other than the extension of water mains to ousing development.

The Public Health Inspectors took and submitted for bacteriological examin- thirteen samples of the Deal undertaking water and twelve of the Mid-Kent y, both as delivered to the Public; all were reported to be highly satis- ry.

Reports were also received in respect of samples submitted by the rtakings:-

	Bacteriological Examination	Chemical Examination;
Mid Kent Water Company	11	2
Deal Borough Undertaking	56	1

The following are copy reports on the chemical examination of the water:-

	Deal Undertaking:	Mid-Kent Water Co:
Appearance	Clear and bright	Clear and bright
Colour	Nil	Faint blue
Odour	Nil	Nil
Electric Conductivity at 20°C	555 units	545 units
pH Value	7.5	7.3
Total solid residue (dried at 180°C)	390 p.p.m.	375 p.p.m.
Chlorine present as Chloride	40 p.p.m.	34 p.p.m.
Nitrate nitrogen	8.7 p.p.m.	8.9 p.p.m.
Nitrite nitrogen	Nil	Nil
Ammonia free	0.000 p.p.m.	0.00 p.p.m.
Ammonia, albuminoid	0.000 p.p.m.	0.00 p.p.m.
Oxygen Absorbed	0.00 p.p.m.	0.03 p.p.m.
Hardness Total	270 p.p.m.	271 p.p.m.
Permanent	55 p.p.m.	37 p.p.m.
Temporary	215 p.p.m.	234 p.p.m.
Alkalinity as $CaCO_3$	215 p.p.m.	234 p.p.m.
Free Carbon Dioxide	13 p.p.m.	25 p.p.m.
Iron and other metals	Absent	Absent
Residual Chlorine	Nil	Nil

Remarks (regarding both samples):-

Organic quality of highest standard; a pure and wholesome water suitable for public supply.

Drainage and Sewerage:

The Borough Engineer informs me that work in connection with the first half of a major scheme to improve both drainage and sewerage systems in the Borough was still proceeding and completion was not anticipated before September of the current year. Also, there were additions to the systems in connection with the development by private enterprise of three estates in the Borough.

The following figures, supplied by the Senior Public Health Inspector, clarify the work carried out during 1964. The figures for 1963 are shown for comparison:-

	1963:	1964:
Visits	330	377
Blocked drains cleared	230	230
Drains reconstructed or repaired	28	36
Drains inspected or tested	28	19
Inspection chambers repaired	7	9
Vent pipes repaired/renewed	2	1
Gullies renewed	2	2
Cesspools abolished	2	-

Four 48 hour notices were served under Section 17 of the Public Health Act 1961 and were complied with.

Two notices were served under Section 39 of the Public Health Act, 1936 requiring drainage repairs and these were complied with.

A blocked and broken public sewer was dealt with by emergency action under Section 24 of the Public Health Act, 1936.

Rivers and Streams:

Anti-mosquito work in respect of dykes and ponds etc., was carried out during the summer months.

Public Cleansing:

The collection and disposal of refuse by means of controlled tipping is carried out under the direction of the Borough Surveyor. The Public Health Department co-operates in the prevention of nuisance, such as by the replacement of dustbins. 24 dustbins were supplied during the year as a result of 31 informal and 1 formal notice under Section 75 of the Public Health Act, 1936.

Offensive Trades:

Three Rag and Bone Dealers establishments are approved by the Council from year to year. No complaints have been received.

Pet Animals Act:

Five premises were licensed as Pet Shops under this Act. In conjunction with the R.S.P.C.A. Inspector they are visited regularly to ensure that animals are being kept under suitable conditions.

Steam Disinfector:

The following figures show the use of the steam disinfector during 1964. Figures for 1963 are shown for comparison.

	1963:	1964:
Times used	7	7
Cases concerned	9	8
Bed Bugs	-	-
Other Vermin	-	-
Infectious Diseases	3	5
Other Causes	6	3
	9	8

	1963:	1964:
Number of articles treated	42	56

The disinfector boiler was condemned and a new boiler installed during the year.

In addition the Department arranged and carried out the following disinfections.

	1963:	1964:
Houses	15	7
Number of rooms	33	11
Hospital Wards	4	1

FACTORIES ACT, 1961:

1. Inspections for purposes of provisions as to health

Premises	No. on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
1. Factories in which Sections 1 - 6 are to be enforced by Local Authority	12	-	-	-
2. Factories not included above in which Section 7 is enforced by the Local Authority	80	16	6	-
3. Other premises in which Section 7 is enforced by Local Authority (excluding outworkers premises)	10	4	2	-
	102	20	8	-

II Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Reasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences					
(a) Insufficient	2	1	-	-	-
(b) Unsuitable or defective	2	2	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork.)	4	4	-	-	-
	8	7	-	-	-

3. Outworkers:

10 outworkers were engaged in the manufacture of wearing apparel and one in paper bag making.

No contraventions were noted.

RODENT CONTROL:

A. Routine Work

The following shows the routine surface work during 1964

	Rats	Mice	Total
Premises under treatment at end of 1963	11	-	11
New infestations treated during 1964	153	14	167
Premises cleared of infestations during 1964	149	14	163
Premises under treatment at end of 1964	15	-	15
Total number of visits by Rodent Operator			938

In addition free bait and advice was given in the case of mouse infestation at 136 private houses.

Rat infestation increased more than usual in the latter months of the year and there is approximately 40% increase in the number of infestations over 1963. The poison used is Warfarin.

B. Sewer Treatment:

The following shows the number of manholes found to be infested with rats during the 1964 sewer treatment.

Area:	Number of Manholes in Area	Number of Manholes found to be infested. 1964 April	1964 October
Lower Deal (1)	81	5	3
Lower Deal (2)	84	6	7
Middle Deal	90	-	-
Mill Hill	111	-	-
Lower Walmer	104	-	-
Upper Walmer	93	-	-
Mongeham	64	-	-
	627	11	10

1964 April	1964 October
% infestation	% infestation
1.7%	1.6%

The areas remaining infested are in the oldest sewers in the town.

The very low level of infestation is maintained by Warfarin baiting to extinction. Several manholes require treatments over some weeks before takes cease and it is clear that the basic short treatment would leave those manholes still infested with a breeding population of rats.

Moveable Dwellings:

A. Camping Sites:

The Hawkshill Seaside Camp for London Boys continues to operate a Camping Site under a Licence issued under Section 269 of the Public Health Act, 1936.

The Camp provides accommodation for:-

1. The Jewish Lads Brigade Annual Camp in a field set aside for the purpose.
2. London Boys in a second field.
3. Youth Organisations of various categories, who camp in groups in a third field and tourist tent campers on a smaller area set aside for the purpose.

A fourth field is utilised for caravans under the auspices of the Caravan Club and enjoys exemption from licensing requirements.

The site is adequately served with mains water points, refuse bins, cesspool drainage and flush closets. Rubbish is partly incinerated and partly collected by the Council. The London Boys have ablution facilities, a central kitchen and dining room, sick bay and Tuck Shop.

The standards improve from year to year.

B. Individual Caravans:

Two licences were approved for the use of trailer caravans for limited periods during the year.

VERMINOUS AND FILTHY HOUSES AND PREMISES:

A. Verminous Premises:

The following figures show the number of disinfestations carried out during the year.

	Council Houses	Non-Council Houses.	Other Premises
Cockroaches	2	17	20
Bed Bugs	-	1	-
Woodworm	2	15	-
Fleas	1	10	2
Wasps nests	1	36	-
Flies	-	-	1
Ants	-	-	3
Food Pests	-	-	1
Others	-	2	-
	6	81	27

The total number of treatments was 114 compared with 103 in 1963.

The decline in bed bugs infestation since the war has been most marked. Flea infestations are often associated with elderly people living alone under conditions of neglect, or with domestic pets.

The demand for help with woodworm infestation is the result of commercial publicity and the emphasis placed upon it by Building Societies. Time and labour prevents us from dealing with properties which call for wide-scale treatment with preliminary cleaning operations.

Wasps are a great nuisance during the summer months and the destruction service is greatly appreciated. On occasions it is necessary to decline to treat on safety grounds.

A charge is normally made for these services.

B. Dirty Houses:

14 visits and re-visits were made to various dirty houses. In such cases improvement is generally only temporary and constant supervisory visits are needed to prevent further deterioration

Section C:

Dealers in Old Metal:

Five premises are registered under Section 96 of the Public Health Act

(Amendment) Act, 1907.

Rag, Flock and Other Filling Materials Act:

There are four premises registered under this Act.

Hairdressers and Barbers:

There are 28 hairdressers and barbers in the area and 15 were inspected during the year. No formal action was required.

Clean Air Act:

13 complaints were received and 35 visits made in relation to smoke and dust nuisances. Improvement was secured by informal representations.

Noise Abatement Act:

34 complaints were received and 163 visits and re-visits made in relation to them. Reduction of the noise nuisance was achieved by informal action.

Unfortunately, sensitive people often can only be satisfied by total abolition of the noise concerned and this is frequently impracticable. The acquisition of a noise meter will enable the Department to assess nuisances more objectively.

This work is increasing.

Consumer Protection Act. Heating Appliances:

All vendors of heating appliances have had their attention drawn to the safety regulations relating to electric, gas and oil heaters. Testing equipment is held at the Department.

A circular letter is normally sent to organizers of Jumble Sales suggesting that sub standard heaters should not be sold.

37 miscellaneous heaters were withdrawn from sale, at request, from second hand stores. Provision ought to be made for condemnation and compulsory destruction of such heaters.

Agriculture (Safety, Health & Welfare Provisions) Act, 1956:

No action was necessary under this Act during the year.

Offices, Shops and Railway Premises Act 1963:

This Act has provided a considerable amount of extra work. It has provided a vast amount of literature for reference and its interpretation calls for much thought. Full application of all the provisions of the Act will not be possible before January 1966.

The following information is submitted.

A. Registration and General Inspection.

Class of Premises	Number Registered during the year	Number Registered at end of year	Number receiving general Inspection
Offices	63	63	44
Retail Shops	197	196	66
Wholesale Shops & Warehouses	6	6	2
Catering Establishments	35	35	-
Fuel Storage Depots	-	-	-
Totals	301	300	112

B. Number of visits of all kinds by Inspectors to registered premises = 460 (Of these 334 were for the purpose of registration).

C. Analysis of Persons Employed by Workplace.

Class of Workplace	Number of Persons Employed
Offices	350
Retail Shops	856
Wholesale Shops and Warehouses	43
Catering Establishments	242
Canteens	3
Fuel Storage Depots	-
Total	1494
Males	563
Females	931

No exemptions were granted and no prosecutions were taken during the period.

Informal notices were served in relation to the following items.

Cleanliness	12	Accommodation for Clothing	2
Overcrowding	nil	Sitting facilities	4
Temperature	21	Eating facilities	1
Ventilation	2	Floors, passages and stairs	6
Lighting	12	Fencing of machines	2
Sanitary accommodation	15	Protection of young persons	nil
Washing facilities	40	Protection from noise and vibration	nil
Drinking Water	2	First Aid Provision	29

SECTION "C" TABLE OF WORKS OF PUBLIC HEALTH INSPECTORS

	INSPECTIONS	RE-VISITS	TOTALS 1964:	TOTALS 1963:
Housing inspections	194	239	433	551
Houses in multiple occupation	2	1	3	12
Standard Grant	92	6	98	39
Re-housing investigation	24	6	30	36
Permitted numbers	-	-	-	37
Water supply	32	12	44	25
Drainage	230	147	377	330
Cesspools	4	10	14	7
Animal keeping or waste food order	59	-	59	11
Offensive Trades	3	-	3	3
Tents, vans, sheds etc	23	4	27	18
Factories with power	14	2	16	21
Factories without power	-	-	-	3
Factories (other)	3	1	4	12
Work Places	-	-	-1	4
Outworkers	1	-	1	1
Public Conveniences	3	-	3	-
Theatres	10	4	14	7
Licensed Premises	22	1	23	1
Provision of dustbins	34	21	55	55
Offensive Accumulation	49	31	80	78
Common Courts or passages	2	-	2	18
Refuse Tips	17	11	28	4
Rats and Mice	68	34	103	79

	INSPECTIONS	RE-VISITS	TOTALS 1964	TOTALS 1963
Dust and Smoke Nuisances	21	14	35	19
Verminous Premises	36	9	45	23
Dirty Houses	5	9	14	22
Elderly Persons	49	78	127	88
Infectious Diseases	63	19	82	496
Food Poisoning	4	-	4	-
Hairdressers	15	-	15	1
Ponds and Ditches	1	-	1	1
Mosquitoes	7	-	7	1
Meat shops and stores	26	1	27	57
Fish mongers & Poulterers	14	-	14	15
Grocers etc.	33	3	36	125
Greengrocers & Fruiterers	31	1	32	3
Dairies and Milk Shops	26	4	30	21
Fried Fish Shops	9	-	9	12
Ice Cream Premises	14	1	15	17
Preserved Food Premises	5	1	6	8
Stalls, barrows etc.	38	-	38	16
Caterers	50	7	57	153
Shops' Act	16	-	16	9
Pet Shops	6	2	8	8
Noise Nuisance	54	109	163	54
Offices, Shops inspections	95	37	132	-
Offices, Shops Registration	334	-	334	-
Heating Appliances	12	-	12	-
Bakehouses	2	-	2	3
Visits re. unsound food	281	5	286	109
Sampling Visits	151	-	148	142
National Assistance Act Burials	3	1	4	4
Swimming Pool	22	1111	133	1
Food Hygiene Lectures	3	-	3	6
Miscellaneous Visits	158	6	164	142
Flooding	17	26	43	54
Wasps	10	6	16	6
Deadly nightshade	5	-	5	3
Woodworm	23	6	29	42
Mortuary	1	-	1	-
Number of Complaints	-	-	1103	938
Interviews	100	-	100	90
Rag Flock	-	-	-	2
Totals (Excluding Housing and Complaints)	2500	746	3176	2452

Total of visits and inspections	1964	1963
Housing	436	563
Other	3176	2452
Rodent Operator	938	723
	4550	3738

Summary of Complaint Book:

	1963	1964
Rats and Mice	180	212
Food Inspections etc.	93	113
Choked drains etc.	205	260
Cockroaches	37	41
Fleas	10	10
Other Insects	51	57
Infectious Disease spraying	11	3
Rubbish	32	50
Bedding removal or disinfection	7	9
Housing Defects	122	77
Housing Conditions (overcrowding)	15	24
Miscellaneous	67	133
Dirty Houses	5	6

	1963:	1964:
Woodworm	17	16
Keeping animals so as to be a nuisance etc.	7	14
Dust and Smoke nuisances	8	13
Drain tests	10	-
Flooding	16	13
Nuisances	42	18
Noise Nuisances	3	34
	938	1103

SECTION D - HOUSING.

(1) House Construction:

The Borough Engineer and Surveyor has supplied the following information regarding the number of houses completed during 1964 and under construction at 31st. December, 1964:-

Private Enterprise:

Completed:-

3 bedroom houses	- 45
2 bedroom houses	- 16
3 bedroom flats	- 32
2 bedroom flats	- 35

Under Construction:-

2 and 3 Bedroom Houses	- 54
2 and 3 bedroom flats	- 24

Local Authority:

Completed:-

2 Bedroom Houses	- 5
Old People's Flats	- 4
2 bedroom flats	- 24

Under Construction:

Disabled Person's houses	2
Old People's Dwellings	3
Old People's Flats (single persons)	20
Warden's Flat	1

HOUSING:

Representations were made by the Medical Officer of Health in relation to the following 7 individual unfit dwellings:-

Hut, Crayford's Meadow	- demolition ordered
165, Mill Hill	- demolition ordered
165A, Mill Hill	- demolition ordered
8A, Prince of Wales Terrace	- Undertaking accepted under Section 18 of the Housing Act, 1957.
64, Middle Street	- Undertaking accepted under Section 16 of the Housing Act 1957.
7, New Street	- Undertaking accepted under Section 16 of the Housing Act, 1957.
82, Southwall Road	- Offer to recondition and repair with period of six months accepted.

Seven dwellings were demolished during the year as the result of formal procedures.

The following tables show the work carried out during 1964. The figures for 1963 are shown for comparison.

	1964:	1963:
Inspection of Dwelling Houses during the Year:		
1. (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts.)	196	211
(b) Number of inspections made for that purpose	436	563
2. (a) Number of dwelling houses (included under sub. section (1) above) which were inspected and recorded under the Housing Consolidation Regulations 1925	144	149
b. Number of inspections made for that purpose	144	149
3. Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation	7	8
4. Number of dwelling houses (exclusive of those referred to under the preceding sub. head) found not to be in all respects reasonably fit for habitation	60	90

Remedy of Defects during the Year without service of formal notice:

	1964:	1963:
Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	57	97
Action under Statutory Powers during Year:		
A. Proceedings under Section 9, 10 & 12 of the Housing Act, 1957:		
(a) Number of dwelling houses in respect of which notices were served requiring repairs	-	3
(b) Number of dwelling houses which were rendered fit after service of formal notices		
(1) By owner	-	2
(2) By Local Authority	-	1
B. Proceedings under Public Health Acts:		
(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	12	7
(b) Number of dwelling houses in which defects were remedied after service of a formal notice		
(1) By owner	7	6
(2) By Local Authority in default of owners	-	1
C. Proceedings under Sections 16 & 17 of the Housing Act, 1957.		
(a) Number of dwelling houses in respect of which demolition orders were made	3	6

	1964:	1963
(b) Number of dwelling houses in respect of which an undertaking was accepted as to future user	3	2
(c) Number of dwelling house demolished in pursuance of demolition orders	7	-
(d) Number of dwelling houses in respect of which an undertaking was cancelled, the dwelling having been rendered fit	2	4

Proceedings under Section 18 of the Housing Act 1957:

(a) Number of separate tenements or underground rooms in respect of which closing orders were made	1	-
(b) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenements or rooms having been rendered fit.	-	-
(c) Number of separate tenements or rooms in respect of which undertakings to repair were accepted.	-	-

Overcrowding:

Accurate information as to dwelling houses overcrowded at the end of the year is not available. Recommendations for rehousing on grounds of health in the case of 11 applicants were made to the Housing Department during the year.

Housing Act, 1957:

(a) Number of houses inspected on which notices were served under Section 36	-	-
(b) Number of houses inspected on which notices were served under Section 90	-	-

nt Act: 1957:

(a) Number of applications received under Para. 4 (1) First Schedule	-	-
(b) Number of Certificates granted under Para. 4 (1) First Schedule	-	-
(c) Number of Disrepair Certificates cancelled	1	-
(d) Application for cancellation refused	-	-

A SELECTION OF HOUSING DEFECTS REMEDIED:	1964:	1963:
Lighting improved	2	1
Roofs repaired or renewed	20	39
Walls (external) repointed etc.	10	28
Floors repaired/renewed	11	9
Wall plaster repaired	3	13
Ceiling plaster repaired	7	11
Windows repaired/renewed	7	22
Coppers provided and repaired	-	-
Fireplaces repaired/renewed	2	7
Cooking ranges repaired/renewed	1	4
Sinks provided	1	-
Sinks repaired/renewed	-	12
Waste pipes repaired/renewed	2	4
Interior water supply provided	-	-
Repairs to water supply	5	5
Downspouts repaired/renewed	5	10
Guttering repaired/renewed	14	20
Food stores repaired or provided	4	15
Sash cords provided	9	11
Handrails fixed on stairs	-	-
Stairs repaired/renewed	3	3
Doors repaired/renewed	4	17
Woodwork repainted	7	7
Chimneys and stacks repaired	6	8
Yards, passages paved/repaired	10	7
Dampness abated	25	42
Additional ventilation	4	2
Rooms cleansed and re-decorated	-	-
Water closets provided	-	1
Water closets renewed	6	10
Water closet compartments repaired	10	19
Water closet cisterns repaired/renewed	14	14
Water closets provided with water	-	1
Box seats abolished	2	1
Pail closets abolished	-	1

MILK SUPPLY:

30 inspections were made during 1964 to Dairies and Milk Shops. 39 firms are now registered for distribution of milk from 54 premises. There are 7 premises within the Borough registered as Dairies.

Licenses under the (Special Designation) Regulations are issued by the K.C.C. for periods of five years.

The following samples of milk and cream were taken during the year:-

	Number of Samples	Failed Methylene Blue Test	Failed Phosphatase Test.
Pasteurised	15	-	-
Tuberculin Tested	53	10	-
Cream	4	2	-

The Methylene Blue failures were associated with Milk Vending Machines and probably attributable to failure to remove stale milk during servicing. This point has been forcibly impressed on the firm concerned.

A complaint regarding a dirty milk bottle was referred to the Public Health Committee and instructions given for proceedings, which are pending.

ICE CREAM:

No further premises were registered for the sale of ice cream in 1964. There are 128 premises registered for the sale of ice cream and three for the

manufacture of ice cream.

47 samples were submitted to the Public Health Laboratories with the following results:-

Methylene Blue Test:	Heat Treated:	Cold Mix:	
Grade I	25	8)	Satisfactory
Grade II	4	1)	
Grade III	5	2)	Unsatisfactory
Grade IV	2	-)	

PRESERVED FOOD PREMISES:

32 premises were registered for the manufacture and sale of preserved food. These are mainly butcher's premises manufacturing sausages and a number of grocer's shops which boil hams. There are three premises which concentrate on the production of cooked meat and pies. Satisfactory food hygiene standards are observed in the main.

Food Premises:

289 visits and re-visits were made to food premises and the following table shows the improvements secured during the year.

A complaint regarding glass in a bottle of stout resulted in proceedings and the firm was convicted and fined.

Warning letters were sent by the Public Health Committee in the case of sale of unsound food and in another case of a foreign body in a meat pie.

	1964:	1963:
Walls repaired	4	4
Ceilings repaired	2	3
Floors repaired	8	7
Windows repaired	-	2
Doors repaired	2	-
Cleansed/redecorated	23	36
Ventilation provided	3	2
Refuse removed	9	2
Sinks provided/repaired	4	1
First Aid Kit provided	-	3
Fixed wash basin provided/repaired	12	8
Soap, towel, nailbrush etc., provided	3	4
Hot water provided	6	5
Equipment cleansed	-	6
Use of room prohibited	-	1
Sanitary accommodation re-arranged	1	-
Lighting improved	2	4
Staff room or lockers provided	1	4
Room rat proofed	1	1
Food protected from contamination	-	1
Food Vehicles etc.:		
Vans etc., cleansed	3	1
Vans etc., repaired	-	-
Vans etc., provided with hot water	3	2
Soap, towel etc., provided	1	-
Sinks etc., provided	1	-
Name & Address exhibited	7	3

Food premises were inspected under the Food Hygiene Regulations and classified as follows during the year 1959.

A. Complying fully with Regulations

B. Require improvement to qualify for "A"

C. Require close supervision for cleanliness.

The position at the end of 1964 is shown with 1963 for comparison:-

	1964:	1963:
A.	333	333
B.	114	90
C.	3	9

The food premises in the area are in the following categories (primary use:):

	1964:	1963:
Bread and Cake Shops	12	11
Ice Cream Manufacturers	3	3
Bakehouses	6	6
Dairies	4	4
Mobile Vans etc.,	27	18
School kitchens, staff canteens and Nursing Homes	41	30
Brewery	1	1
Mineral Water factory	1	1
Chemists	8	8
Cinemas and Dance Halls	7	6
Fishmongers and Fried Fish Shops	14	14
Licensed Premises	68	69
Clubs.	20	19
Butchers	19	21
Cafes etc.,	29	30
Confectioners	31	32
Greengrocers	25	29
Boarding Houses etc.,	56	54
Grocers.	78	76
	450	432

DISEASES OF ANIMALS (WASTE FOOD ORDER) 1957:

Nine piggeries are licensed under this Order to operate swill boiling plants.

No new registrations were made during the year.

UNSOUND FOOD:

286 visits were made in connection with food inspections during the year. A large number of these visits were in connection with corned beef associated with the Typhoid outbreak in Aberdeen.

The amount of food condemned was = 18 cwts. 34 lbs. 11½ ozs.

Condemned food is disposed of by deep cover at the Council's refuse tip.

FOOD POISONING:

There were no reported cases of Food Poisoning during 1964. During an investigation of threadworm infesation however, one symptomless excreter of Salmonella Canestel was discovered in a male of 4 years while the mother was found to be a symptomless carrier of Sonnei Dysentery.

SECTION F - PREVALENCE AND CONTROL OF INFECTIOUS DISEASES

1. Infectious and Other Notifiable Diseases (excluding Tuberculosis and Food Poisoning) Notified in 1964 by Age Groups - Corrected.

	Scarlet Fever	Erysipelas	Measles	Dysentery	Pneumonia	Whooping Cough	Ac. Encephalitis Infective	Puerperal Pyroxia
Under 5 years	1	-	13	1	-	11	-	-
5 - 14 years	2	-	7	-	-	5	1	-
15 - 24 years	1	-	1	-	1	-	-	-
25 - 44 years	-	-	-	3	1	-	-	1
45 - 64 years	-	-	-	-	-	-	-	-
65 and over	-	1	-	-	2	-	-	-
Age Unknown	-	-	-	-	-	-	-	-
Total	4	1	21	4	4	16	1	1
Admitted to Hospital	-	-	-	1	-	-	1	-
Comparative Total 1963 (Notified)	10	-	285	68	16	22	-	-

A note on Food Poisoning is included under the Food Section of this Report.

2. Tuberculosis:

New Cases of Tuberculosis notified during 1964 were as follows:-

	Pulmonary		Non-Pulmonary	
	Male:	Female:	Male:	Female:
1964	3	2	2	3
1963	3	6	-	2*

*One of these cases was not confirmed.

(a) Age Grouping of the new cases notified during 1964 was as follows:-

Under 5	-	-	-	-
15 - 24 years	-	1	1	-
25 - 44 years	1	-	1	1
45 - 64 years	2	-	—	2
65 and over	-	1	-	-

(b) The Following "Annual Statement of Tuberculosis" is compiled from the four Quarterly Returns rendered to the County Medical Officer:-

	Pulmonary		Non-Pulmonary	
	Male:	Female:	Male:	Female:
(a) Number of cases of Tuberculosis on Register as at 1st. January, 1964	34	35	7	9
(b) Number of cases notified under Regulations of 1952 for first time during year	3	2	2	3
(c) Other additions to Register	1	1	-	-
(d) Cases removed from Register during the year, including recoveries or deaths (excluding deaths of un-notified cases)	8	6	-	-
(e) Cases on Register at end of 1964	30	32	9	12

(c) There were two deaths of un-notified cases of Tuberculosis during 1964, one pulmonary and one non-pulmonary.

Of the fourteen cases whose names were removed from the register nine were reported as having recovered, two removed to other districts and three died.

No action was necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (regarding tuberculous persons employed in the milk trade), or Section 172 of the Public Health Act, 1936, regarding the compulsory removal of tuberculous patients to hospital.

3. Immunisation and Vaccination:

The scheme for Whooping Cough and Diphtheria Immunisation and Smallpox and Poliomyelitis Vaccination were continued under the administration of the Kent County Council and the following statistics for 1964 are made available by the courtesy of the County Medical Officer.

(a) Whooping Cough Immunisation:

360 children received primary whooping cough immunisation.

(b) Diphtheria Immunisation:

Number of children resident in the Borough of Deal who received:-

(a) Primary Inoculations 382

(b) Reinforcing Inoculations 562

(c) Smallpox Vaccination:

In view of the amendment to the County Council's proposals under Section 26 of the National Health Services Act, 1946, regarding records of vaccination against smallpox, the following is the sole information now available:-

Primary Vaccination 1 year	Re-vaccination School age but under 8 yrs:

(d) Poliomyelitis Vaccination:

Vaccination figures for 1964 based on the returns submitted to the Ministry of Health:-

(A) 3rd and 4th Dose (Salk and Oral) (B) Three ORALS (Complete course)

Year of Birth	(A)	(B)
1964	-	77
1963	3	234
1962	-	51
1961	-	18
1949 - 1960	328	51
1933 - 1948	-	19
Others	-	5

SECTION G - METEOROLOGICAL CONDITIONS.

MONTH	RAINFALL INS.	RAIN DAYS	TEMPERATURE		SUNSHINE HOURS
			MEAN MAXIMUM °C °F	MEAN MAXIMUM °C °F	
January	0.67	7	4.9 40.8	1.1 34	43.2
February	1.20	11	7.2 45	1.8 35.2	67.4
March	1.84	14	5.7 42.3	1.8 35.2	66.6
April	2.22	15	11.5 52.7	4.9 40.8	156.9
May	1.17	13	16.6 61.9	8.3 46.9	215.1
June	3.95	14	18.4 65.1	9.6 49.3	210.5
July	1.53	8	20.2 68.4	11.7 53.1	235.3
August	0.75	7	22.0 71.6	11.9 53.4	214.2
September	0.78	8	19.2 66.6	10.6 51.1	221.2
October	4.22	9	13.1 55.6	5.3 41.5	134.1
November	2.48	13	11.1 52.0	4.9 40.8	62.0
December	2.88	20	7.0 44.6	1.7 35	38.7
Total	23.69	139	-	-	1665.2
1963 Total	29.72	-	-	-	1512.9

DEAL PORT HEALTH AUTHORITY

EXTRACT FROM ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH

FOR YEAR ENDED 31st. December

1964

SECTION II - AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR:

Ships from:	Number:	Tonnage:	Inspected:
Foreign Ports	43	25929	Nil

No ship was reported as having, or having had during the voyage, infectious disease on board.

SECTION III - TABLE C

Trade of Port comprises passanger traffic only viz. day pleasure trips to France. One vessel (603 net tons) made 43 voyages, landing 12,748 passengers.